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AIR FORCE EYES ONLY

7 October 1959

MEMORANDUM FOR THE RECORD

SUBJECT: (U)Record of Discussions between Dr Charyk, Gen Boushey & Col Martin, 6 October 1959

1. At about 5:30 on the afternoon of 6 October, Dr Charyk called and requested Gen Boushey to come to his office for a discussion on the general subject of Mr. McElroy's recent memorandum transferring certain space projects to the Air Force from ARPA. We took the memorandum (proposed) for Director, Defense Research and Engineering, subject: "Transfer of MIDAS Program to the Department of the Air Force," which had been prepared following Dr. Charyk's telephone call to Col Martin earlier in the day. Dr Charyk read this proposed memorandum and agreed that it essentially met the requirement. He made several particular comments which should be incorporated in the final draft, however. First, he said we should change the slip to "from 3 to 7 weeks, depending how the lunar shot comes off" rather than the 2 weeks shown in the proposed memorandum. He also said to check the Bear Creek schedule and also questioned the correctness of the third MIDAS shot. He was under the impression that the third shot would be around August or so, not as late as that shown in the memorandum. In addition to these comments he made the point that the funds shown should be identifiable with the ARPA "A" budget since Dr York will compare our dollars to this budget. In particular, he asked if the $138.3 shown under FY '61 includes ARPA funds and Air Force funds and how much of each. With the above points checked and changed as required, he feels the basic MIDAS letter is OK, however, he requests that we add a short paragraph at the beginning of the letter which states the general objective of the program. He wants this type opening on every letter and suggest in the case of MIDAS that the objective be something like this: "the Air Force considers this a promising means of establishing a program of ballistic missile warning, hence it should be supported with such and such priority and on such and such a basis, etc."

2. Dr Charyk stated that Dr York has agreed to transfer the DISCOVERER, SAMOS and MIDAS programs immediately to the Air Force as well as certain other programs and projects that may be justified under McElroy's recent memorandum. He wants a separate paper on each project or system. Dr Charyk instructed us to take the certain ones first and prepare a package of memoranda covering these for immediate transmittal to Dr. York. Then after a week or so we would take up additional ones which might be controversial or at least not so certain as the first package. In identifying these items we should use the "A" budget which ARPA submitted to Dr York and expect that the funds listed on the "A" budget will be those transferred to the Air Force. In this connection we should get $5.0 on MRS "V". to the best of our recollection of this budget. Dr York evidently would not recognize ARPA reprogramming.

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3. Dr Charyk says to look over the ARPA budget and pick out the things it makes sense to transfer. This would include all boosters unquestionably, and systems that are related to reconnaissance, early warning, any thing manned, but excluding communications and navigation at the present time. Anti-satellites should be considered in the second category of memoranda. Ballistic missile defense is to stay in ARPA for the time being. Dr Charyk stated that we should also claim studies on the same basis as system developments. Dr Charyk noted that DYNA SOAR presently is envisioned as having an "A" and "B" phase and suggest why not add a third phase considering MRS. V. as this phase. Dr Charyk particularly stated that we should get the throttleable rocket; also ORION. However, we made a point of excluding the SATURN at the moment as a special case which we should not include in either package of memoranda. He also stated that Dr York has decided that NOTUS will stay in ARPA for the time being and, consequently, Dr Charyk instructed us not to make a request for any of the communications satellite systems at the present time. He also stated that we should not request NESCC at the present time. He did say that we should request the booster launching systems integration, etc., concerning TRANSIT now.

4. Dr Charyk also requested that each memorandum be started with a paragraph concerning the objective of the item or system. In the case of the DISCOVERER he stated that the program objective should be something as follows: "this program is designed to study the problems related to theachievement of stabilized orbits, attitudes stabilization, etc. He said that we should leave the word "scientific" out, the purpose is to get information directly related to, or essential to development of military satellites. There should be no reference to scientific exploration of space, etc.

5. Dr Charyk stated that we should use the Gillette procedures as described in the referenced MIDAS memorandum. He conceded that these probably need revision for the space systems and requested a copy of the Gillette procedures to read. Gen Boushey loaned him the copy which we have for Dr Charyk to read.

6. It was emphasized several times that Dr York will compare all items of funds with the ARPA "A" budget for FY '61 and that all of our memoranda should be consistent with these numbers and identify Air Force funds versus ARPA funds where appropriate.

JOHN L. MARTIN, JR.
Colonel, USAF
Deputy Director of
Advanced Technology
Directorate

FROM: (Activity transmitting document)

AFDAT

DOCUMENT

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TO:

DAT, Col Mathiesen

DATE DISPATCHED: 20 Oct 59

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